

PLATE 2a

N - AQUIFER, VOLCANIC AQUIFER AND ALLUVIUM

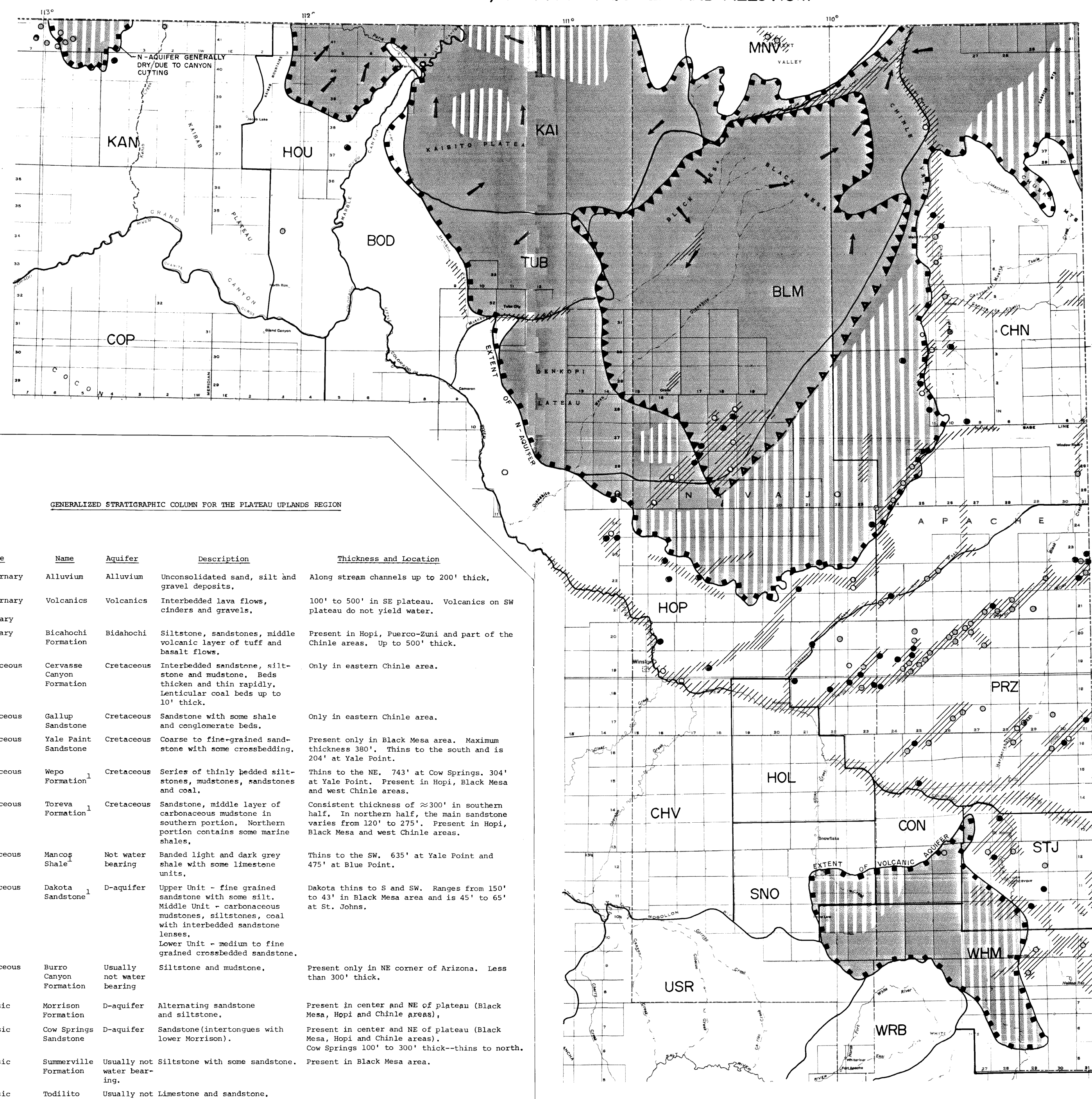
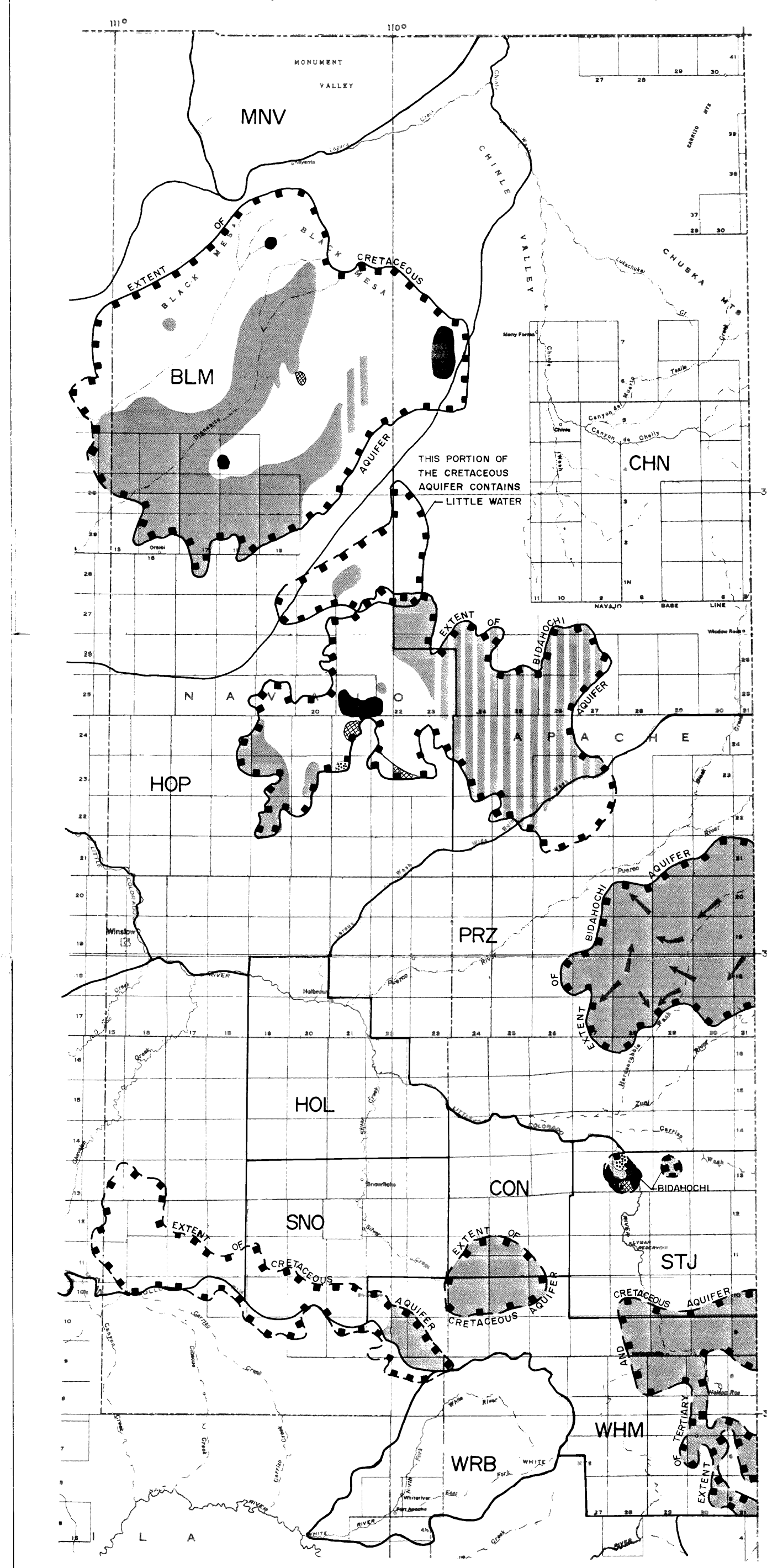


PLATE 2b-BIDAHOCHI, CRETACEOUS AND TERTIARY AQUIFERS



CONT. GENERALIZED STRATIGRAPHIC COLUMN FOR THE PLATEAU UPLANDS REGION

Cambrian	Muav Limestone	yields some water to springs	Impure thin-bedded bluish-grey limestone.	>400' thick in West Plateau; thins to SE.
Cambrian	Bright Angel	not water bearing	Green, micaceous, sandy shale, and purplish brown sandstone.	324' thick in middle of Grand Canyon; thins to the east.
Cambrian	Tapeats Sandstone	not generally water bearing some springs	Poorly sorted sandstone with feldspar.	250-300' thick near confluence of Little Colorado and Colorado Rivers; thins to SE.

¹ Cretaceous undifferentiated in SE parts of plateau (St. Johns, Concho and White Mountains areas).

TOTAL DISSOLVED SOLIDS (mg/l)

[Pattern]	less than 1,000
[Pattern]	1,000 to 3,000
[Pattern]	3,000 to 5,000
[Pattern]	5,000 to 10,000
[Pattern]	quality inferred; limited data (color indicates level of TDS)
[Pattern]	no information available

SYMBOLS

[Symbol]	Basin or area boundary
[Symbol]	Generalized direction of ground-water movement
[Symbol]	Aquifer boundary; dashed where assumed
[Symbol]	Boundary between confined and unconfined conditions; dashed and open where assumed
[Symbol]	Approximate area of water-bearing stream alluvium
[Symbol]	Location of well in stream alluvium; color indicates level of TDS

PLATE 2

TOTAL DISSOLVED SOLIDS CONTENT
OF AQUIFERS OF THE PLATEAU UPLANDS
(Excludes the C-Aquifer, shown on Plate I)

Prepared by the Department of Water Resources in cooperation with the Arizona Department of Health Services
under a grant from the U.S. Environmental Protection Agency

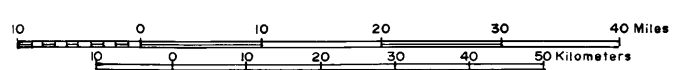


PLATE 2c

D - AQUIFER

